

SUSTAINABLE DEVELOPMENT GOALS



7.4.3 Provide direct services to local industry aimed at improving energy efficiency and clean energy (Energy efficiency assessment, workshops, research renewable energy options)

Yes, Free

Yes, UBT demonstrates a strong commitment to supporting local and international industries by advancing energy efficiency and clean energy practices. Through training programs, academic research, participation in influential conferences, and contributions to energy discourse, UBT establishes itself as a leader in sustainable energy initiatives. Below are the key contributions from UBT and its distinguished faculty members:

Direct Services to Local Industry

Training Programs

UBT faculty have played a pivotal role in capacity-building efforts, equipping local professionals with advanced skills in energy efficiency and renewable energy:

Energy Utilization Workshop: UBT's outstanding faculty member, Dr. Muhammad Al-Qarni's delivered training workshop to professionals from the industry on Energy utilization

Solar Energy Systems Installation workshop: Also led by Dr. Al-Qarni, this program trained participants in installing and managing solar energy systems.

Research and Innovation

UBT faculty actively contribute to advancing energy efficiency through innovative research:

UBT faculty member, Dr. Muhammad Al-Qarni presented a paper titled "Occupancy-based Energy Management Model for University Buildings" at the International Conference on Sustainability: Developments and Innovations (ICSDI 2022) in Riyadh, proposing energy-saving models for academic institutions.

Participation in Energy-focused Conferences

UBT faculty have been involved in key conferences shaping the future of energy:

10th Saudi Arabia Smart Grid Conference (2022): UBT faculty served as Technical Committee members, contributing to discussions on smart grid innovations.

Thought Leadership and Industry Engagement

Invited Talks

Dr. Yousef M. Alshammari delivered high-profile talks at international platforms, including:

“From Crude to Chemicals in Saudi Arabia and Beyond: Opportunities and Challenges” at the US Chamber of Commerce, Dhahran (2024).

Moderation of Conference Sessions

Dr. Alshammari moderated critical discussions, such as:

“Enabling Sustainable Energy Transition” (ChemIndix 2024, Dhahran).

“Empowering Sustainability: The Importance of Energy Efficiency in a Challenging World” (Solar Show KSA 2023, Riyadh).

Panel Discussions

Dr. Alshammari participated in diverse panels addressing energy challenges and opportunities:

“Hydrogen Energy and the Future of Sustainable Mobility” (Global EV & Mobility Technology Forum 2024, Riyadh).

“The Role of Oil and Gas in COP28” moderated by CNBC (Energy Markets Forum 2023, Fujairah).

Media Engagement and Global Recognition

Media Contributions

Dr. Alshammari has been featured on platforms such as CNN, Bloomberg, and EuroNews, sharing insights on energy markets.

•He has authored over 40 articles in outlets like Oilprice and Forbes Middle East.

Awards and Recognitions

Recognized as a “Top Economics Voice” by LinkedIn (2023).

•Winner of the OPEC Award for Best Young Energy Professional (2023).

Listed among the Top 10 Saudi Energy Influencers (2024) by Favikon.

Impact on Energy Efficiency and Clean Energy

Through these initiatives, UBT supports local and international industries by:

Offering specialized training to develop renewable energy skills.

Driving innovative research that enhances energy management systems.

Engaging in policy-shaping discussions at global forums.· Sharing insights through media and academic publications to advance public understanding of energy issues .UBT's efforts reflect its dedication to fostering sustainable energy practices, making it a valuable partner in achieving energy efficiency and clean energy goals locally and globally.